

ShenZhen GL-COM Technology CO., LTD.



GL-E8010U-FZ mini ONU

GL-E8010U-FZ type ONU products fully comply with IEEE 802.3-2005 and the China Telecom EPON device technical specification (V2.1). It is operative, manageable and maintainable at telecommunication level, and can provide high speed data service for customers. It has a PON uplink port that connects to office end apparatus through optical fiber.



Product Features:

- 1. Conform to IEEE802.3ah standard
- 2. Support Ethernet service layer 2 switching and wire-speed forwarding of uplink and downlink services
- 3. Support frame filtering and suppression
- 4. Support standard 802.1Q Vlan function, support VLAN conversion
- 5. Support 4094 VLANs (802.1Q)
- 6. Support Dynamic Bandwidth Allocation (DBA) function
- 7. Support QoS, including traffic flow classification, priority marking, queue and dispatch, traffic shaping and traffic control, etc.
- 8. Single ONU supports up to 1 LLID. Support IGMP Snooping. Support router
- 9. Support Ethernet port rate limit loop detection. Support power failure alarm
- 10. Support lightning protection for power supply and lightning protection for service port

Technical Parameter

Module	E8010U-FZ
User interface	1 10/100/1000M RJ45 port.
PON	Transmission speed: upstream 1.25Gbps, downstream 1.25Gbps Network coverage radius: 20KM Optical receive sensitivity: -25dBm Luminous power: > 0dBm Security: ONU authentication mechanism Port-based VLAN
QOS	IEEE 802.1Q VLAN Backpressure flow control (half-duplex) IEEE 802.3x flow control (full-duplex)
	Prevent Head of Line IEEE 802.1p, CoS WR, SP and FIFO queue scheduling algorithm Port rate limit
Safety	IEEE 802.1x, access control based upon Port; support local and remote RADIUS. CHAP, EAP certification; Storm control, port protection,
Router	Support Router
Management	Web, TELNET
Size	117mm(L) ×88mm(W) ×32mm(H)
Environment	Operating temperature: 0° C \sim 50 $^{\circ}$ C; Operating humidity: $10\% \sim 85\%$ non-condensing Storage temperature: -40° C \sim 80 $^{\circ}$ C; Storage humidity: $5\% \sim$ 95% non-condensing
Power supply	110∼240VAC 12V/0.5A DC Power interface size: 2.5mm
Power Consumption	2.5W

Applications

